



# **Potable Water Reuse and Recycling**

## **A National Perspective**

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**U.S. CONGRESSWOMAN GRACE F. NAPOLITANO**

***2017 WATER FORUM***

**CALIFORNIA'S WATER FUTURE**



# **A Diversified Portfolio**

- **Water Recycling plays an important role in providing an integrated and diversified portfolio of water supply**
- **Water Conservation**
- **Water Loss Control**
- **Stormwater Capture**
- **Aquifer Storage and Recovery**
- **Graywater systems**
- **etc**



# Potable Water Recycling Across the US



Most of water reuse occurs in just 4 states: CA, AZ, TX, FL.  
More and more communities are looking to recycle water for long term resilience.



# **EPA Reuse and Recycling Research**

**Water Environment Research Foundation (WERF) Alexandria, VA**

**University of Illinois at Urbana-Champaign Urbana, Ill.**

**Utah State University, Logan, UT**

**University of Nevada, Las Vegas, NV**

**University of California Riverside, Riverside, CA**

[https://cfpub.epa.gov/ncer\\_abstracts/index.cfm/fuseaction/recipients.display/rfa\\_id/591/records\\_per\\_page/ALL](https://cfpub.epa.gov/ncer_abstracts/index.cfm/fuseaction/recipients.display/rfa_id/591/records_per_page/ALL)



# **EPA's Role and Efforts**

**Water Reuse and Recycling not contemplated in the Clean Water Act or the Safe Drinking Water Act**

**No National Regulations –Development of reuse and recycling regulations at the State level is underway.**

**2012 Water Reuse Guidelines**

**2017 Institutional Barriers to Potable Water Reuse – EPA/ReNUlt/Johnson Foundation at Wingspread**

**Technical support – Nationally and Regionally – Limited but important**

**What's Next? What's EPA's Role?**